

What is claimed is:

1. In a pneumatic radial tire comprising an innerliner, a carcass toroidally extending between a pair of bead portions and externally contacting with the innerliner, a belt arranged at an outer circumference side of a crown portion of the carcass, one or more cap layers covering the belt over substantially a full width thereof, and a tread arranged at an outer circumference side of the cap layer, an improvement wherein the belt is comprised of at least two belt layers each formed by covering metal monofilament cords or organic fiber monofilament cords with a coating rubber, and a rubber gauge between the monofilament cords located in the adjacent belt layers is made 1.5-5 times of a diameter of the monofilament cord.
2. A pneumatic radial tire according to claim 1, wherein the rubber gauge between the monofilament cords located in the adjacent belt layers is made 2.5-5 times of the diameter of the monofilament cord.
3. A pneumatic radial tire according to claim 1, wherein the belt layer is constituted by arranging a plurality of cord groups, each of which groups being comprised of plural monofilament cords arranged side by side, in parallel to each other.
4. A pneumatic radial tire according to claim 1, wherein the innerliner has a thickness of 0.15-0.8 mm.
5. A pneumatic radial tire according to claim 1, wherein the carcass is comprised of at least one carcass ply containing polyethylene naphthalate cords therein.
6. A pneumatic radial tire according to claim 1, wherein the cap layer contains a polyethylene naphthalate cord(s) extending substantially in a circumferential direction of the tire.
7. A pneumatic radial tire according to claim 1, wherein the tread has a width corresponding to 70-80% of a tire maximum width.
8. A pneumatic radial tire according to claim 1, wherein a bias insert of organic fiber cords extending at a cord angle within a range of 30-60° with respect to a phantom radial line viewing from a side face of the tire is arranged between a main body and a turnup portion of the carcass and extended between a position near to a bead core in the bead portion and a position located outward from a position of the tire maximum width in a radial direction.

9. A pneumatic radial tire according to claim 1 or 8, wherein a circumferential insert of organic fiber cords extending in the circumferential direction of the tire is arranged in at least a part of a region between the vicinity of a bead core in the bead portion and the vicinity of a side edge of the belt.

10. A pneumatic radial tire according to claim 9, wherein the circumferential insert is arranged between the vicinity of the bead core and the vicinity of a position of a tire maximum width at a width of no less than 10 mm in the radial direction.